

1/1 - (C) WPI / DERWENT
AN - 1999-379000 [32]
AP - JP19970315536 19971117
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TI - Rapid identification of microorganism cell for measuring sterilization effect etc - involves using fluorescent pigments which differ in their wavelengths for identifying dead and living cells
IW - RAPID IDENTIFY MICROORGANISM CELL MEASURE EFFECT FLUORESCENT PIGMENT DIFFER WAVELENGTH IDENTIFY DEAD LIVE CELL
PA - (JAPN) ZH TETSUDO SOGO GIJUTSU KENKYUSHO
PN - JP11146798 A 19990602 DW199932 C12Q1/04 004pp
IC - C12N1/20 ; C12Q1/04
AB - JP11146798 NOVELTY - A test substance containing microorganism has a fluorescent pigment which emits fluorescence by enzyme reaction within a living cell, and another fluorescent pigment which emits fluorescence for the dead cells. The fluorescent wavelength differs for both the pigments. Thereby, identifying the dead and living microorganisms according to the difference in the fluorescent wavelength. DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for the identification kit for microorganism cells.
- USE - For measuring sterilization effect by pharmaceuticals for food, optimum culture conditions during fermentation, medical treatment etc.
- ADVANTAGE - Living and dead microorganisms in the test substance are quickly and reliably identified.
- (Dwg.0/4)